



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.   | CONFIRMATION NO.   |
|---|-------------|----------------------|-----------------------|--------------------|
| 09/631,892  | 08/04/2000  | Joseph D. Lichtenhan | 38559-257945(6565-03) | 1993               |
| 27498   | 7590        | 10/18/2005           | EXAMINER              |                    |
| PILLSBURY WINTHROP SHAW PITTMAN LLP<br>P.O. BOX 10500<br>MCLEAN, VA 22102 |             |                      |                       | ROBERTSON, JEFFREY |
|   |             | ART UNIT             |                       | PAPER NUMBER       |
|   |             | 1712                 |                       |                    |

DATE MAILED: 10/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

|   |                      |                   |  |
|---|----------------------|-------------------|--|
| <b>Response to Rule 312 Communication</b> | Application No.      | Applicant(s)      |  |
|   | 09/631,892           | LICHTENHAN ET AL. |  |
|   | Examiner             | Art Unit          |  |
|   | Jeffrey B. Robertson | 1712              |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1.  The amendment filed on 27 June 2005 under 37 CFR 1.312 has been considered, and has been:

- a)  entered.
- b)  entered as directed to matters of form not affecting the scope of the invention.
- c)  disapproved because the amendment was filed after the payment of the issue fee.  
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
- d)  disapproved. See explanation below.
- e)  entered in part. See explanation below.



RANDY GULAKOWSKI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 1700



Jeffrey B. Robertson  
Primary Examiner  
Art Unit: 1712